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L3: Entry 1 of 1

File: USPT

Jun 29, 1993

DOCUMENT-IDENTIFIER: US 5224177 A

**** See image for Certificate of Correction ****

TITLE: High quality film image correction and duplication method and system

Detailed Description Text (27):

Table 1 presents a comparison of the digital duplication system, the computed radiography system, and the conventional screen-film system. In a comparison of image quality, the screen-film system has highest overall spatial resolution. In the low frequency range, the CR system has the highest MTF; however, the overall spatial resolution of the CR system is relatively poor when compared with the other two systems. In addition, the CR system is about two times noisier than the other systems. The image quality of images produced by the digital duplication system is almost comparable to that of the original radiographs, and with density correction superior in cases. A unique aspect of the computed radiography system is its wide dynamic range. However, the digital duplication system also provides this feature in the range of approximately a quarter to four times the proper exposure level, provided that an accurately aligned antiscatter grid is used in combination with a moderately wide-latitude film, as employed in this study. Similarly, features that are popular in the CR system, such as edge enhancement, can also be obtained with the digital duplication system. The CR system is expensive to purchase and maintain. However, the digital duplication system of the present invention can be installed at relatively low cost, and the running cost is comparable to a conventional duplication system. As shown in Table 1, for most items, the duplication system is comparable or superior to the CR system.

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L1: Entry 1 of 2

File: USPT

May 30, 2000

US-PAT-NO: 6070149

DOCUMENT-IDENTIFIER: US 6070149 A

TITLE: Virtual sales personnel

DATE-ISSUED: May 30, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tavor; Onn	Ramat Hasharon			IL
Avraham; Gila Ben	Netania			IL
Shevchenko; Vadim	Netania			IL

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Activepoint Ltd.	Netania			IL	03

APPL-NO: 09/ 109726 [PALM]

DATE FILED: July 2, 1998

INT-CL: [07] G06 F 17/60

US-CL-ISSUED: 705/26; 706/47

US-CL-CURRENT: 705/26; 706/47

FIELD-OF-SEARCH: 705/26, 705/27, 705/35, 705/1, 705/10, 706/47, 706/46, 706/11, 706/12

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

[Search Selected](#)[Search All](#)[Clear](#)

PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<input type="checkbox"/> <u>4992940</u>	February 1991	Dworkin	705/26
<input type="checkbox"/> <u>5454106</u>	September 1995	Burns et al.	395/600
<input type="checkbox"/> <u>5581664</u>	December 1996	Allen et al.	706/46
<input type="checkbox"/> <u>5586218</u>	December 1996	Allen	706/12
<input type="checkbox"/> <u>5696962</u>	December 1997	Kupiec	395/604
<input type="checkbox"/> <u>5701399</u>	December 1997	Lee et al.	706/11

<input type="checkbox"/> <u>5715399</u>	February 1998	Bezos	705/35
<input type="checkbox"/> <u>5774868</u>	June 1998	Cragun et al.	705/10
<input type="checkbox"/> <u>5852814</u>	December 1998	Allen	706/13
<input type="checkbox"/> <u>5890139</u>	March 1999	Suzuki et al.	705/27
<input type="checkbox"/> <u>5905973</u>	May 1999	Yonezawa et al.	705/27
<input type="checkbox"/> <u>5926798</u>	July 1999	Carter	705/26
<input type="checkbox"/> <u>5937389</u>	August 1999	Maxwell	705/10
<input type="checkbox"/> <u>5978784</u>	November 1999	Fagg, III et al.	706/11
<input type="checkbox"/> <u>5983200</u>	November 1999	Slotznick	705/26
<input type="checkbox"/> <u>6012051</u>	January 2000	Sammon, Jr. et al.	705/26

OTHER PUBLICATIONS

"Brightware Amer Finance: Brightware and American Finance Team to Provide Mortgages in Minutes on Internet.." Business Wire, Feb. 28, 1997.

Tomasula, D. "Self-service Web Ware Could Make Service Reps Obsolete." Wall Street & Technology, vol. 15, No. 3, p. S26, Mar. 1997.

"Brightware, Inc. Ships Brightware 1.0 to Automate Selling on the Net." Press Release, Aug. 4, 1997.

"Brightware Ships Web's First Automated Real-time Advice Agent." Press Release, Jun. 29, 1998.

"Brightware: AI is Alive and Kicking." Software Futures, May 1, 1996.

Tehrani, N. "The Internet and Call Center . . ." Telemarketing & Call Center Solutions, vol. 15, No. 2, p. 4, Aug. 1996.

Bucholtz, C. "Working with the Web, BellSouth Brings 'Do it yourself' Applications to Customer Service." Telephony, Aug. 25, 1997.

Nelson, M. "Neuromedia Offers Automated Online Service." Infoworld, vol. 20, No. 13, p. 20, Mar. 30, 1998.

ART-UNIT: 275

PRIMARY-EXAMINER: MacDonald; Allen R.

ASSISTANT-EXAMINER: Crecca; Michele Stuckey

ATTY-AGENT-FIRM: Friedman; Mark M.

ABSTRACT:

A method for enabling users over a network or over the WWW to interact with an interactive sales representative system for providing sales guidance. The system offers the user products, services, or ideas (the "products") according to parameters collected from the user. The system guides the customer to retrieve the desired products. If the system does not have a product matched to the customer requirements, preferably it will operate a mechanism for suggesting alternatives which are the closest to the customer requirements. The system will execute various sales tools and techniques to help and assist the customer and to convince the customer to purchase a product. By guiding the customer to the target product, the system will shorten the search cycle for the customer as well as find better matched products. The system will provide market advisory, suggest, recommend, discuss (in written form and optionally voice form), comment, advise the customer regarding the products. The system might advise the customer in any other aspects as well (such as providing personal feedback). The system adds graphics, animation,

3D, movie clips, voice and other effects to make the session enjoyable for the customer. The system is capable of executing various tools and techniques to improve its sales capabilities and bring better sales results.

6 Claims, 22 Drawing figures

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L1: Entry 2 of 2

File: USPT

Jun 29, 1993

US-PAT-NO: 5224177

DOCUMENT-IDENTIFIER: US 5224177 A

**** See image for Certificate of Correction ****

TITLE: High quality film image correction and duplication method and system

DATE-ISSUED: June 29, 1993

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Doi; Kunio	Hinsdale	IL		
Yoshimura; Hitoshi	Kanagawa			JP

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
The University of Chicago	Chicago	IL			02

APPL-NO: 07/ 786008 [PALM]

DATE FILED: October 31, 1991

INT-CL: [05] G06K 9/40

US-CL-ISSUED: 382/54; 358/458, 382/6, 382/51

US-CL-CURRENT: 382/168; 382/266

FIELD-OF-SEARCH: 382/54, 382/6, 382/51, 382/18, 364/413.17, 364/413.14, 364/413.16, 364/413.19, 364/413.24, 358/447, 358/448, 358/458

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

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	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<input type="checkbox"/>	<u>4189775</u>	February 1980	Snooge et al.	382/54
<input type="checkbox"/>	<u>4229764</u>	October 1980	Danos	382/54
<input type="checkbox"/>	<u>4302672</u>	November 1981	Kato et al.	382/54
<input type="checkbox"/>	<u>4315318</u>	February 1982	Kato et al.	382/54
<input type="checkbox"/>	<u>4438495</u>	March 1984	Collins et al.	382/6
<input type="checkbox"/>	<u>4792900</u>	December 1988	Sones et al.	382/6

<input type="checkbox"/> <u>4792979</u>	December 1988	Nomura et al.	382/51
<input type="checkbox"/> <u>4845762</u>	July 1989	Higashi et al.	382/54
<input type="checkbox"/> <u>5048110</u>	September 1991	Nakajima	382/54

ART-UNIT: 266

PRIMARY-EXAMINER: Mancuso; Joseph

ATTY-AGENT-FIRM: Oblon, Spivak, McClelland, Maier & Neustadt

ABSTRACT:

A method and system for correcting a non-linear characteristic of an image, wherein an input image is digitized to produce digital image data representative of the image and a histogram of the digital image data is produced. At least a first pixel value characteristic of a variable under which the image was derived is extracted from the histogram. A plurality of non-linear correction curves relating original pixel values to corrected pixel values for different degrees of the variable are stored in a memory, and a particular one of the correction curves is selected based at least in part on the first extracted pixel value and a predetermined corrected pixel value. Corrected image data are then formed utilizing the selected correction curve by correcting each original pixel value of the image to a respective corrected pixel value based on the relationship therebetween defined by the selected correction curve, and a non-linearity corrected image is produced based on the corrected image data.

22 Claims, 23 Drawing figures

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L4: Entry 1 of 1

File: PGPB

May 30, 2002

PGPUB-DOCUMENT-NUMBER: 20020065758

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020065758 A1

TITLE: Method and system for provision and acquisition of medical services and products

PUBLICATION-DATE: May 30, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Henley, Julian L.	Guilford	CT	US	

APPL-NO: 09/ 725142 [PALM]

DATE FILED: November 29, 2000

RELATED-US-APPL-DATA:

Application is a non-provisional-of-provisional application 60/186542, filed March 2, 2000,

Application is a non-provisional-of-provisional application 60/201021, filed May 1, 2000,

Application is a non-provisional-of-provisional application 60/222648, filed August 3, 2000,

INT-CL: [07] G06 F 17/60

US-CL-PUBLISHED: 705/37; 705/2

US-CL-CURRENT: 705/37; 705/2

REPRESENTATIVE-FIGURES: 9

ABSTRACT:

Transactional costs associated with providing professional services are reduced by allowing prospective patients/clients (bidders) and professional service providers to negotiate competitively for desired fees for proffered services through an interactive on-line communications network such as the Internet. In an exemplary arrangement, a transaction system includes a communications network server that interfaces and communicates online with client computer systems belonging to various prospective bidders and personal medical service providers using, for example, an exchange of HTML documents and/or JAVA script applets. A transaction system server handles online communications and procedures for conducting auctions for delivery of proffered services and maintains a registration database of service providers and bidders. An authentication/qualifier engine automatically researches and verifies service provider credentials and background information upon registration of a service provider with the system. Service provider qualification

credentials and medical procedural code information databases as well as one or more search engines for verifying and/or researching the qualifications of a particular service provider are provided and made available to a bidder via, for example, a web-page menu driven interface. A service feedback interface and database are provided for handling online feedback information and comments from patients/clients and providers regarding the complexity and quality of services received or provided. The transaction system may also include remote client system software/hardware facilities for bidders and providers for providing customized database and computational services for communicating and participating in online bidding activities.

RELATED APPLICATIONS

[0001] This application claims the benefit of the following U.S. Provisional Applications, the entire content of each of which is hereby incorporated by reference into this application:

[0002] (1) "Method and System for the Provision of Medical Services" to Julian L. Henley, Serial No. 60/186,542, filed Mar. 2, 2000;

[0003] (2) "Method and Apparatus for the Provision of Medical Services" to Julian L. Henley, Serial No. 60/201,021, filed May 1, 2000; and

[0004] (3) "Medical Transaction Overview" to Julian L. Henley, Serial No. 60/222,648, filed Aug. 3, 2000.

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